



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0294/ PA519-USw01		Application No. 10/531,402	
	Applicant David Paul Humphreys, et al.			
	Filing Date October 11, 2005		Group Not Yet Assigned	
	Confirmation No. 8981			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

N.V./	1	Amemura, M., et al., "Cloning of and complementation tests with alkaline phosphatase regulatory genes (<i>phoS</i> and <i>phoT</i>) of <i>Escherichia coli</i> ," <i>J. of Bacteriology</i> , 1982, 152(2), 692-701
	2	Blattner, F.R., et al., "The complete genome sequence of <i>Escherichia coli</i> K-12," <i>Science</i> , 1997, 277, 1453-1462
	3	Blomfield, I.C., et al., "Allelic exchange in <i>Escherichia coli</i> using the <i>Bacillus subtilis</i> <i>sacB</i> gene and a temperature-sensitive pSC101 replicon," <i>Molecular Microbiology</i> , 1991, 5(6), 1447-1457
	4	Carrier, A., et al., "recombinant antibody-alkaline phosphatase conjugates for diagnosis of human IgGs: application to anti-HBsAg detection," <i>J. of Immunological Methods</i> , 1995, 181, 177-186
	5	Collins-Racie, L.A., et al., "Production of recombinant bovine enterokinase catalytic subunit in <i>Escherichia coli</i> using the novel secretory fusion partner DsbA," <i>Bio/Technology</i> , 1995, 13, 982-987
	6	Cunningham, B.C., et al., "High-resolution epitope mapping of hGH-Receptor interactions by alanine-scanning mutagenesis," <i>Science</i> , 1989, 244, 1081-1085
	7	Dalbøge, H., et al., "A novel enzymatic method for production of authentic hGH from an <i>Escherichia coli</i> produced hGH-precursor," <i>Bio/Technology</i> , 1987, 5, 161-164
	8	di Guan, C., et al., "Vectors that facilitate the expression and purification of foreign peptides in <i>Escherichia coli</i> , by fusion to maltose-binding protein," <i>Gene</i> , 1988, 67, 21-30
	9	Egmond, M.R., et al., "Engineering surface charges in a subtilisin," in <u>Subtilisin Enzymes: Practical protein Engineering</u> , Bott, R., et al.(Eds.), 1996, 219-228
↓	10	Gräslund, T., et al., "Strategy for highly selective ion-exchange capture using a charge-polarizing fusion partner," <i>J. of Chromatography A</i> , 2002, 942, 157-166
EXAMINER		DATE CONSIDERED

/Nancy Vogel/

10/04/2007



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CELL-0294/ PA519-USw01	Application No. 10/531,402
		Applicant David Paul Humphreys, et al.	
		Filing Date October 11, 2005	Group Not Yet Assigned
		Confirmation No. 8981	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/N.V./	11	Gräslund, T., et al., "Charge engineering of a protein domain to allow efficient ion-exchange recovery," <i>Protein Engineering</i> , 2000, 13(10), 703-709	
	12	Hamilton, C.M., et al., "New method for generating deletions and gene replacements in <i>Escherichia coli</i> ," <i>J. of Bacteriology</i> , 1989, 171(9), 4617-4622	
	13	Humphreys, D.P., et al., "Therapeutic antibody production technologies: molecules, applications, expression and purification," <i>Current Opinion in Drug Discovery and Development</i> , 2001, 4(2), 172-185	
	14	Jonasson, P., et al., "Genetic design for facilitated production and recovery of recombinant proteins in <i>Escherichia coli</i> ," <i>Biotechnology & Applied Biochemistry, England</i> , 2002, 35, 91-105	
	15	Link, A.J., et al., "Methods for generating precise deletions and insertions in the genome of wild-type <i>Escherichia coli</i> : application to open reading frame characterization," <i>J. of Bacteriology</i> , 1997, 179(20), 6228-6237	
	16	Luecke, H., et al., "High specificity of a phosphate transport protein determined by hydrogen bonds," <i>Nature</i> , 1990, 347, 402-406	
	17	Marttila, A.T., et al., "Engineering of chicken avidin: a progressive series of reduced charge mutants," <i>FEBS Letts.</i> , 1998, 441, 313-317	
	18	Meyer, D.E., et al., "Purification of recombinant proteins by fusion with thermally-responsive polypeptides," <i>Nature Biotechnology</i> , 1999, 17, 1112-1115	
	19	Mhatre, R., et al., "Purification of antibody Fab fragments by cation-exchange chromatography and pH gradient elution," <i>J. of Chromatography A</i> , 1995, 707, 225-231	
↓	20	Niederauer, M.Q., et al., "Characterization and polyelectrolyte of β -galactosidase containing genetic fusions of charged polypeptides," <i>Biotechnology Progress</i> , 1994, 10, 237-245	
EXAMINER		/Nancy Vogell/	DATE CONSIDERED 10/04/2007



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CELL-0294/ PA519-USw01	Application No. 10/531,402
		Applicant David Paul Humphreys, et al.	
		Filing Date October 11, 2005	Group Not Yet Assigned
		Confirmation No. 8981	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/N.V./	21	Nielsen, O.J., et al., "Erythropoietin- β -D-galactosidase: the generation, purification and use of a fusion protein," <i>J. of Immunological Methods</i> , 1988, 111, 1-9	
↓	22	O'Brien, P.M., et al., "Bacterial expression and purification of recombinant," <i>Protein Expression & Purification</i> , 2002, 24, 43-50	
	23	Ong, E., et al., "Enzyme immobilization using the cellulose-binding domain of a <i>Cellulomonas Fimi</i> exoglucanase," <i>Bio/Technology</i> , 1989, 7, 604-607	
	24	Persson, M., et al., "Enzyme purification by genetically attached polycysteine and polyphenylalanine affinity tails," <i>Analytical Biochemistry</i> , 1988, 172, 330-337	
	25	Plückthun, A., et al., "New protein engineering approaches to multivalent and bispecific antibody fragments," <i>Immunotechnology</i> , 1997, 3, 83-105	
	26	Sassenfeld, H.M., et al., "A polypeptide fusion designed for the purification of recombinant proteins," <i>Bio/technology</i> , 1984, 2, 76-81	
	27	Sassenfeld, H.M., "Engineering proteins for purification," <i>Tibtech</i> , 1990, 8, 88-93	
	28	Smith, D.B., et al., "Single-step purification of polypeptides expressed in <i>Escherichia coli</i> as fusions with glutathione S-transferase," <i>Gene</i> , 1988, 67, 31-40	
↓	29	Stempfer, G., et al., "Improved refolding of an immobilized fusion protein," <i>Nature Biotechnology</i> , 1996, 14, 329-334	
	30	Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression system," <i>J. of Immunological Methods</i> , 1998, 216, 165-181	
EXAMINER /Nancy Vogel/		DATE CONSIDERED 10/04/2007	



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CELL-0294/ PA519-USw01	Application No. 10/531,402
		Applicant David Paul Humphreys, et al.	
		Filing Date October 11, 2005	Group Not Yet Assigned
		Confirmation No. 8981	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/N.V./	31	Zoller, M.J., et al., "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucleic Acid Res.</i> , 1982, 10(20), 6487-6500	
EXAMINER		/Nancy Vogel/	DATE CONSIDERED 10/04/2007



Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CELL-0294/
PA519-USw01

Application No.
10/531,402

Applicant
David Paul Humphreys, et al.

Filing Date
October 11, 2005

Group
Not Yet Assigned

Confirmation No.
8981

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/N.V./	32	4,532,207	07/30/85	Brewer, et al.	435	68
↓	33	5,304,472	04/19/94	Bass, et al.	435	69.1
↓	34	5,783,423	07/21/98	Wood, et al.	435	69.6

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/N.V./	35	WO 98/18946 A1	05/07/98	PCT		
↓	36	WO 00/61725 A1	10/19/00	PCT		
↓	37	WO 2004/031188 A1	04/15/04	PCT		
↓	38	WO 2004/035792 A1	04/29/04	PCT		
↓	39	737 747 A2	10/16/96	EP	X abstract	
↓	40	224,082	11/06/24	GB		

EXAMINER

/Nancy Vogel/

DATE CONSIDERED

10/04/2007